

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-085-32
SULPHUR WELL QUADRANGLE
68 KENTUCKY
N3700-W8530/15
DIAGRAM NJ 16-9
WINCHESTER

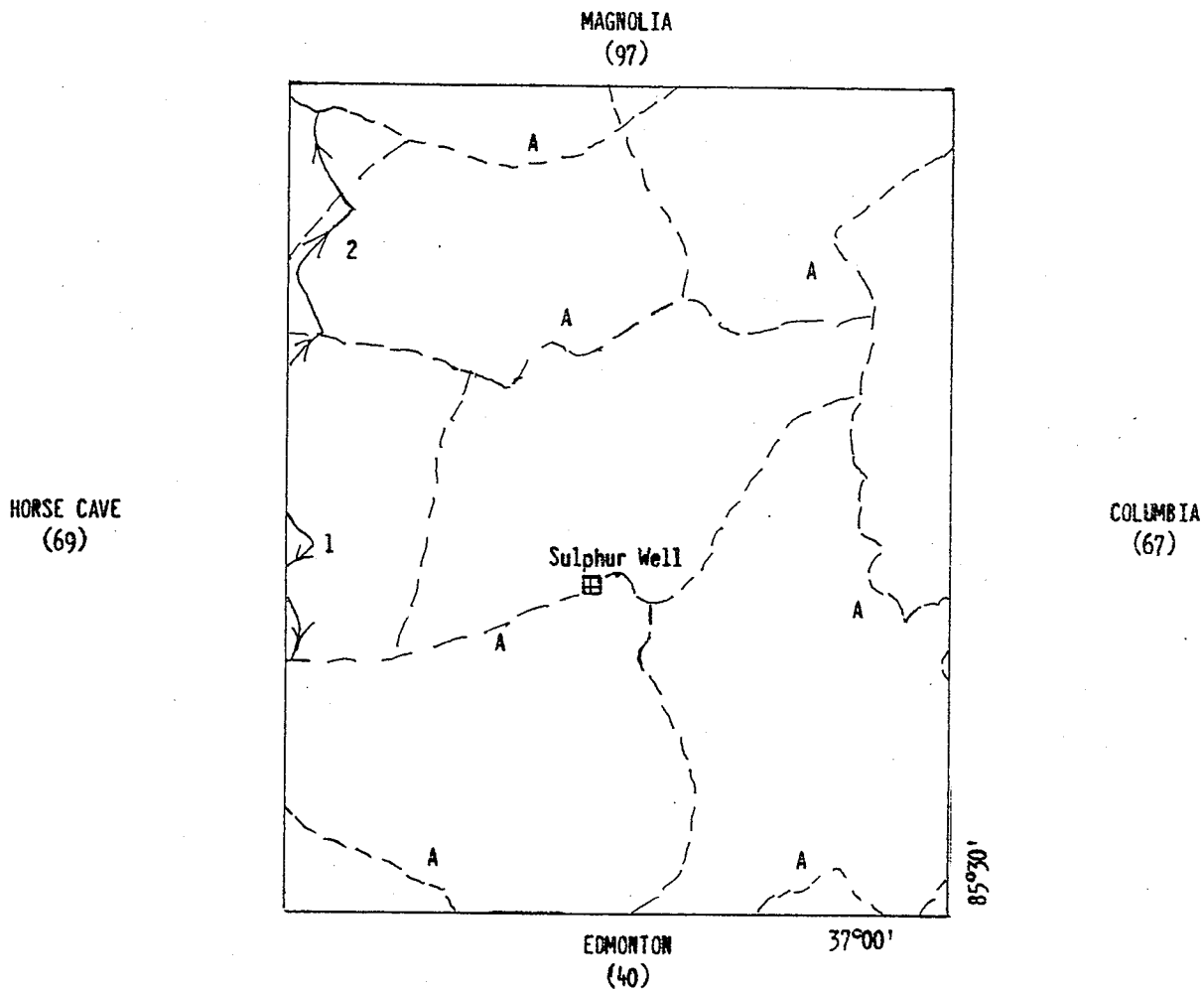
Adair, Green, Hart, Metcalfe
Counties

Final adjustment of 1955

Edition of 4/3/74

PR: WSM/mjh

Only the permanent marks are
listed for lines run more
than 25 years before edition
date.



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370853

68 KENTUCKY
SULPHUR WELL QUADRANGLE

37-085-32
N3700-W8545/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT 24 TN 1933 691	3
TT 33 TN 1933 691	3
TT 34 TN 1933	3
TT 38 TN 1933	3
TT 39 TN 1933	3
TT 41 TN 1933	3

1934

LINE 1.

Feet

By D. C. Antrobus, 1934; Book B 5085

Savoyard; 200 ft N. of church; at S. corner of schoolhouse; in concrete post; standard tablet stamped "TI 38 TN 1933" 783.477

Reference mark; 300 ft S. of tablet; 18 ft W. of rd.; in root on E. side of 24-in. oak tree; copper nail and washer 781.41

Hiseville, 5.5 mi SE. of; 5.0 mi N. of Echo; 25 ft E. of rd.; 220 ft N. of I-rd. W.; at Craig School; in concrete post; standard tablet stamped "TI 39 TN 1933" (Reported Destroyed 1973) 811.109

Reference mark; 330 ft S. of tablet; 45 ft E. of school; in root on E. side of 18-in. oak tree; copper nail and washer 811.00

Glasgow, 10.0 mi E. of; 0.2 mi NW. of Echo; 55 ft E. of rd.; 50 ft N. of I-rd. W.; 60 ft S. of house; in concrete post; standard tablet stamped "TI 41 TN 1933" 893.453

Reference mark; 30 ft W. of tablet; in root on SE. side of 24-in. maple; copper nail and washer 893.81

LINE 2.

By D. C. Antrobus, 1934; Book B 5085

Three Springs, 0.3 mi S. of; 120 ft E. of crossroads; 2 ft N. of W. corner of church; in concrete post; standard tablet stamped "TI 34 TN 1933" (Reported not found, 1961) 667.240

Reference mark; 110 ft N. of tablet; in W. root of 24-in. twin oak tree; copper nail and washer 659.15

Pascal, 1.1 mi S. of; 4.6 mi NE. of Seymour; 20 ft E. of rd.; 20 ft S. of I-rd. E.; in concrete post; standard tablet stamped "TI 33 TN 1933 691" 673.716

Reference mark; 60 ft SW. of tablet; 12 ft SE. of rd.; in root on NW. side of 12-in. oak tree; copper nail and washer 674.38

Hardyville, 2.3 mi E. of; 20 ft NE. of Hardyville - Monroe Road; 30 ft NW. of junction of I-rd. E.; near large oak tree in S. corner of field; in concrete post; standard tablet stamped "TI 24 TN 1933 691" (Reported disturbed, 1961) 691.244

Reference mark; 30 ft SW. of tablet; in root on NE. side of 24-in. oak tree; copper nail and washer 688.97

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-085-32
SULPHUR WELL QUADRANGLE
68 KENTUCKY
N3700-W8530/15
DIAGRAM NJ 16-9
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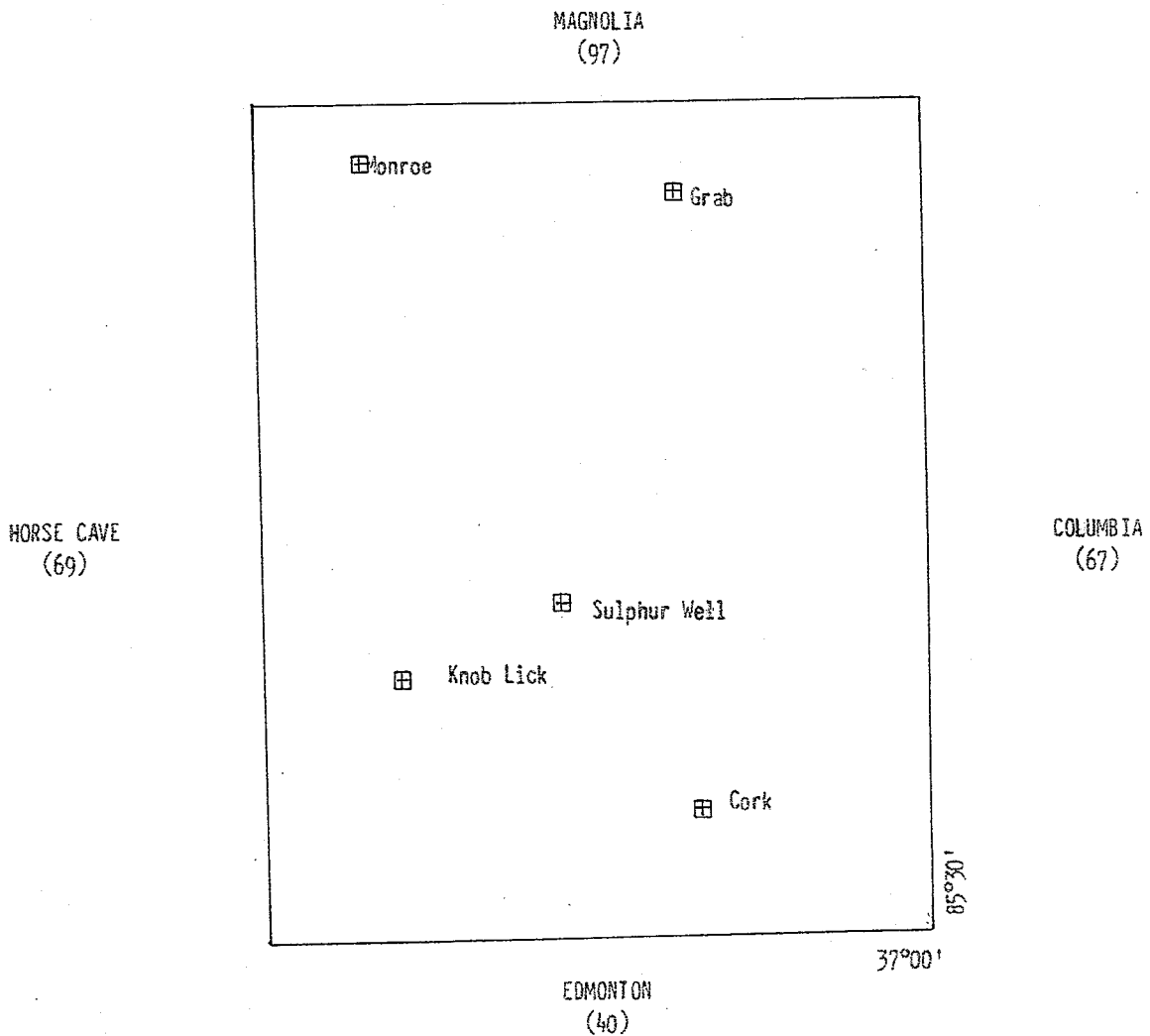
Adair, Green, Hart, and
Metcalf Counties

Edition of 10/12/76

PR: CRV /rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
IT 24 TN 1933 691	3
IT 33 TN 1933 674	3
IT 34 TN 1933	3
IT 38 TN 1933	3
IT 39 TN 1933	3
IT 41 TN 1933	3
 <u>NGS</u>	
J 226 1951	3
K 226 1951	3
L 226 1951	4
M 226 1951	4
N 226 1951	4
T 227 1951	4
L 229 1951	4
M 229 1951	4
V 229 1951	5
W 229 1951	5
X 229 1951	5
Y 229 1951	5
Z 229 1951	5
M 243 1951	6
A 256 1951	5
B 256 1951	5

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By R. H. Lyddan, 1934; Book D947

Hardyville, 2.3 mi E. of; 20 ft NE. of Hardyville-Monroe Road; 30 ft NW. of junction of I-rd. E.; near large oak tree in S. corner of field; in concrete post; standard tablet stamped "TT 24 TN 1933 691" (Reported disturbed, 1961)

X = 2,000,498	Y = 331,981	37 14 42.63	85 44 53.84
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Pascal, 1.1 mi S. of; 4.6 mi NE. of Seymour; 20 ft E. of rd.; 20 ft S. of I-rd. E.; in concrete post; standard tablet stamped "TT 33 TN 1933 674"

X = 2,001,729	Y = 317,468	37 12 19.12	85 44 38.63
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Three Springs, 0.3 mi S. of; 120 ft E. of crossroads; 2 ft N. of W. corner of church; in concrete post; standard tablet stamped "TT 34 TN 1933" (Not found, 1961)

X = 2,001,098	Y = 304,371	37 10 09.62	85 44 46.44
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Savoyard; 200 ft N. of church; at S. corner of schoolhouse; in concrete post; standard tablet stamped "TT 38 TN 1933"

X = 2,002,276	Y = 282,897	37 06 37.29	85 44 31.90
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Hiseville, 5.5 mi SE. of; 5.0 mi N. of Echo; 25 ft E. of rd.; 220 ft N. of I-rd. W. at Craig School; in concrete post; standard tablet stamped "TT 39 TN 1933" (Reported destroyed, 1973)

X = 2,001,193	Y = 270,163	37 04 31.38	85 44 45.28
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Glasgow, 10.0 mi E. of; 0.2 mi NW. of Echo; 55 ft E. of rd.; 50 ft N. of I-rd. W.; about 60 ft S. of house; in concrete post; standard tablet stamped "TT 41 TN 1933"

X = 2,000,054	Y = 253,244	37 01 44.08	85 44 59.33
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By J. R. Harris, 1951; Book AH 260

Greensburg, about 3.4 mi NW. of old courthouse, along U. S. Highway 68; about 0.8 mi SW. of bridge over Russell Creek; at junction of rd. NW.; 33 ft NW. of, and 2 ft higher than centerline of hwy. at center of junction of drive SE. to log house; 39 ft SW. of centerline of rd. NW.; 20 ft W. of SW. end of 14-in. pipe culvert under rd. NW.; in concrete post projecting 3 in.; NGS standard disk stamped "K 226 1951"

X = 2,066,179	Y = 323,481	37 13 17.80	85 31 21.78
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Greensburg, about 2.6 mi SW. of old courthouse, along U. S. Highway 68; about 1.1 mi SW. of junction of State Highway 61; 15 ft S. of, and level with centerline of hwy.; at steel bridge over Russell Creek; in top of S. end of E. abutment; 0.5 ft N. of S. end of abutment; NGS standard disk stamped "J 226 1951"

X = 2,069,629	Y = 325,753	37 13 40.18	85 30 39.06
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

By J. R. Harris, 1951 and C. W. Haas, 1951; Book AH 260

Greensburg, 4.4 mi S. of old courthouse, along U. S. Highway 68; 1.0 mi N. of Mt. Lebanon Methodist Church; on outside and at E. end of curve with tangents extending E. and S.; at drive S. to white farm house; in extended centerline of drive; 28 ft N. of, and about 2 ft higher than centerline of hwy.; 62 ft SW. of power pole with transformer; 6 ft E. of fence corner; 2 ft S. of fenceline; in concrete post projecting 5 in.; NGS standard disk stamped "L 226 1951"

X = 2,062,160	Y = 320,119	37 12 44.64	85 32 11.55
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Greensburg, 5.4 mi S. of old courthouse, along U. S. Highway 68; 0.2 mi S. of cemetery; at NE. corner of grounds of Mt. Lebanon Methodist Church; at SE. corner of large field; at N. end of cut; 31 ft W. of, and 1 ft higher than centerline of hwy.; 155 ft N. of NE. corner of church; 7 ft N. of 18-in. poplar tree; in concrete post projecting 6 in.; NGS standard disk stamped "M 226 1951"

X = 2,059,530	Y = 315,916	37 12 03.14	85 32 44.19
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Greensburg, 6.3 mi SW. of old courthouse, along U. S. Highway 68; 0.8 mi S. of Mt. Lebanon Methodist Church; 1.0 mi NW. of junction of State Highway 218; at drive NE. to barn; 30 ft NE. of, and level with centerline of hwy.; 34 ft SW. of W. corner of barn; 15 ft NW. of centerline of board gate across drive; 16 ft E. of NE. end of 20-in. pipe culvert under hwy.; 1 ft SW. of fenceline; in concrete post projecting 4 in.; NGS standard disk stamped "N 226 1951"

X = 2,062,894	Y = 313,190	37 11 36.11	85 32 02.69
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Greensburg, 7.2 mi SW. of old courthouse, along U. S. Highway 68; at junction of State Highway 218; 1.4 mi N. of Baptist Church at Exie; at junction of drive SE. to white house; 26 ft SE. of, and level with centerline of Highway 68; 70 ft NE. of extended centerline of Highway 218; 11 ft SW. of culvert; 1 ft W. of power pole; in concrete post projecting 3 in.; NGS standard disk stamped "I 227 1951"

X = 2,064,694	Y = 308,737	37 10 52.04	85 31 40.57
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Exie, 0.6 mi N. of Baptist Church, along U. S. Highway 68; 0.8 mi S. of junction of State Highway 218; at side rd. NE.; across hwy. from Liles Grocery Store; 28 ft E. of, and level with centerline of hwy.; 35 ft SE. of center of junction of rd. NE.; 18 ft S. of centerline of drive E. to white house; 2 ft W. of power pole with transformer; in concrete post projecting 3 in.; NGS standard disk stamped "L 229 1951"

X = 2,063,226	Y = 304,533	37 10 10.51	85 31 58.83
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Exie; on U. S. Highway 68; 135 ft NE. of NE. corner of Baptist Church; 13 ft W. of, and level with centerline of hwy.; in top of S. end of W. headwall of 18-ft concrete culvert; NGS standard disk stamped "M 229 1951"

X = 2,062,530	Y = 301,450	37 09 40.04	85 32 07.51
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Exie, 0.8 mi S. of Baptist Church, along graveled rd.; 0.4 mi S. of junction of rd. E.; at drive W. to large barn; 17 ft W. of, and level with centerline of rd.; 47 ft N. of centerline of drive; 4 ft NE. of NE. corner of barn; 2 ft E. of fenceline; in concrete post projecting 4 in.; NGS standard disk stamped "V 229 1951"

X = 2,061,827

Y = 297,128

37 08 57.32

85 32 16.32

Exie, 1.8 mi SE. of Baptist Church, along graveled rd.; 1.0 mi N. of small school; at S. corner of triangular-shaped clearing; at junction of trail W.; 46 ft W. of, and 2 ft higher than centerline of rd.; 10 ft S. of centerline of trail; 10 ft NW. of 30-in. poplar tree; 20 ft ESE. of 24-in. forked elm tree; in concrete post projecting 6 in.; NGS standard disk stamped "W 229 1951"

X = 2,062,544

Y = 292,096

37 08 07.55

85 32 07.61

Exie, 2.8 mi SE. of Baptist Church, along graveled rd.; at NW. corner of yard of small school; 31 ft E. of, and 1 ft lower than centerline of rd.; 85 ft N. of NW. corner of school; 19 ft E. of telephone pole in fence corner; 26 ft NW. of 36-in. forked poplar tree; 2 ft S. of fenceline; in concrete post projecting 6 in.; NGS standard disk stamped "X 229 1951"

X = 2,062,512

Y = 287,507

37 07 22.17

85 32 08.13

Exie, 3.8 mi SE. of Baptist Church, along graveled rd.; 0.2 mi NW. of post office at Mell; 0.3 mi SE. of junction of rd. SW.; on outside of curve with tangents extending W. and SE.; 26 ft N. of, and level with centerline of rd.; 54 ft N. of, and across rd. from NW. corner of barn; 4 ft E. of power pole; 12 ft N. of fence corner; 2 ft W. of fenceline; in concrete post projecting 3 in.; NGS standard disk stamped "V 229 1951"

X = 2,063,946

Y = 283,792

37 06 45.41

85 31 50.53

Mell, 0.8 mi S. of post office, along graveled rd.; at junction of drive W. to large barn; 41 ft W. of, and about level with centerline of rd.; 33 ft N. of centerline of drive; 26 ft E. of NE. corner of barn; 1 ft SE. of fenceline; in concrete post projecting 4 in.; NGS standard disk stamped "Z 229 1951"

X = 2,063,239

Y = 280,344

37 06 11.33

85 31 59.36

Keltner, 0.4 mi W. of post office, along graveled rd., thence 0.4 mi NW. along dirt rd.; 0.8 mi SE. of junction of graveled rd. and I-rd.; at ford across small creek; 23 ft S. of, and level with centerline of rd.; 210 ft SW. of center of ford; 45 ft W. of 36-in. sycamore tree; 16 ft NW. of fence corner; 1 ft NE. of fenceline; in concrete post projecting 4 in.; NGS standard disk stamped "A 256 1951"

X = 2,066,887

Y = 277,178

37 05 39.94

85 31 14.52

Keltner; at store and post office; 0.35 mi E. of Pleasant Ridge School; on outside of curve in graveled rd. with tangents extending W. and SE.; 66 ft SE. of SE. corner of store and post office; 38 ft NE. of, and 2 ft higher than centerline of rd.; 4 ft W. of power pole with transformer; 1 ft W. of fenceline; in concrete post projecting 4 in.; NGS standard disk stamped "B 256 1951"

X = 2,069,928

Y = 277,375

37 05 41.81

85 30 36.88

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Keltner, 0.6 mi E. of post office, along graveled rd.; at junction of graded rd. NE., and curve with tangents extending W. and SE. in main rd.; 98 ft N. of center of junction of rds.; 17 ft NW. of, and 0.5 ft lower than centerline of rd. NE.; 80 ft NE. of 20-in. oak tree in fence corner; 79 ft NW. of, and across rd. NE. from N. corner of 1 1/2 story farm house; 1 ft SE. of fenceline; in concrete post projecting 3 in.; NGS standard disk stamped "M 243 1951" (Not found, 1973)

X = 2,072,540

Y = 278,088

37 05 48.80

85 30 04.62